

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A computing system in which a plurality of OSs run on hardware of one computer, said computing system comprising:

management agents that are respectively executed on the OSs, to manage said OSs;

a partitioning control unit that holds partition configuration information indicating a relation between each OS and the hardware, and controls allocation of the hardware to each OS; and

a hardware data collection unit that collects data on said hardware;
wherein:

said computing system uses said partition configuration information to perform hardware management for each OS;

said computing system further comprising management consoles for performing data collection, failure data reception, and control of said computer on which a plurality of OSs run, wherein,

when said hardware data collection unit detects an occurrence of a failure in a piece of the hardware, the hardware data collection unit notifies the failure data to said partitioning control unit;

said partitioning control unit notifies said failure data to management agents corresponding to OSs allocated with said piece of the hardware in which the failure has occurred; and

said management agents notified of said failure data, in turn, notify said failure data to said management consoles.

2. (Canceled)

3. (Currently Amended) The computing system according to Claim 21, wherein:

when one of said management agents receives a request from one of said management consoles for acquisition of hardware configuration information, the management agent notifies said request to said partitioning control unit;

the partitioning control unit, which has been notified of said request, acquires the data on said hardware from said hardware data collection unit, and extracts requested information on hardware using said partition configuration information, to send said information extracted to said management agent; and

said management agent notifies the information received from said partitioning control unit to said management console.

4. (Canceled)

5. (Previously Presented) The computing system according to Claim 1,
wherein:

when said hardware data collection unit detects an occurrence of a failure in a piece of the hardware, the hardware data collection unit notifies the failure data to said partitioning control unit;

said partitioning control unit notifies said failure data to management agents corresponding to OSs allocated with said piece of the hardware in which the failure has occurred; and

said management agents which are notified of said failure data, control software currently performed on the OSs allocated with said piece of the hardware in which the failure has occurred, based on the failure data notified.

6. (Original) The computing system according to Claim 1, wherein:

when one of said management agents detects an occurrence of a failure in software, said management agent notifies the failure data to said partitioning control unit;

said partitioning control unit performs control of reallocation of the hardware allocated to each OS, and/or performs activation control for each OS, based on said failure data.

7. (Previously Presented) A computing system in which a plurality of OSs run on hardware of one computer, said computing system comprising:

an integrated management agent that is executed on a primary OS to manage said computer;

software management agents that are respectively executed on the OSs except for said primary OS, to manage software executed on respective OSs concerned;

a partitioning control unit that holds partition configuration information indicating a relation between each OS and the hardware, and controls allocation of the hardware to each OS; and

a hardware data collection unit that collects data on said hardware;
wherein:

said computing system uses said partition configuration information to perform hardware management for each OS,
wherein:

when said hardware data collection unit detects an occurrence of a failure in the hardware, the hardware data collection unit notifies the failure data to said partitioning control unit;

said partitioning control unit notifies said failure data to said integrated management agent; and

said integrated management agent controls software through said software management agents, based on the failure data notified,

when said hardware data collection unit detects an occurrence of a failure in the hardware, the hardware data collection unit notifies the failure data to said partitioning control unit;

said partitioning control unit notifies said failure data to said integrated management agent; and

said integrated management agent controls software through said software management agents, based on the failure data notified.

8. (Original) The computing system according to Claim 7, further comprising: management consoles for performing data collection, failure data reception, and control of said computer on which a plurality of OSs run.

9. (Original) The computing system according to Claim 8, wherein:

when said integrated management agent receives a request from one of said management consoles for acquisition of hardware configuration information, said integrated management agent notifies said request to said partitioning control unit;

the partitioning control unit, which has been notified of said request, acquires the data on said hardware from said hardware data collection unit, and extracts requested information on hardware using said partition configuration information, to send said information extracted to said integrated management agent; and

said integrated management agent notifies the information received from said partitioning control unit to said management console.

10. (Canceled)

11. (Original) The computing system according to Claim 7, wherein:

when one of said software management agents detects an occurrence of a failure in software, said software management agent notifies the failure data to said partitioning control unit;

said partitioning control unit performs control of reallocation of the hardware allocated to each OS, and/or performs activation control for each OS, based on said failure data.

12. (Canceled)

13. (Currently Amended) The computing system ~~according to Claim 12~~ in which a plurality of program execution segment run on hardware of one computer, said computing system comprising:

management agents that are respectively executed on the program execution segment, to manage said program execution segment;

a partitioning control unit that holds partition configuration information indicating a relation between each program execution segment and the hardware, and controls allocation of the hardware to each program execution segment and

a hardware data collection unit that collects data on said hardware;

wherein:

said computing system uses said partition configuration information to perform hardware management for each program execution segment,

wherein:

when said hardware data collection unit detects an occurrence of a failure in a piece of the hardware, the hardware data collection unit notifies the failure data to said partitioning control unit;

said partitioning control unit notifies said failure data to management agents corresponding to program execution segment allocated with said piece of the hardware in which the failure has occurred; and

said management agents which are notified of said failure data, control software currently performed on the program execution segment allocated with said piece of the hardware in which the failure has occurred, based on the failure data notified.

14. (Currently Amended) The computing system ~~according to Claim 12, in~~
which a plurality of program execution segment run on hardware of one computer,
said computing system comprising:

management agents that are respectively executed on the program execution segment, to manage said program execution segment;

_____ a partitioning control unit that holds partition configuration information
indicating a relation between each program execution segment and the hardware,
and controls allocation of the hardware to each program execution segment and
_____ a hardware data collection unit that collects data on said hardware;

wherein:

_____ said computing system uses said partition configuration information to perform
hardware management for each program execution segment,

_____ wherein:

when one of said management agents detects an occurrence of a failure in
software, said management agent notifies the failure data to said partitioning control
unit;

said partitioning control unit performs control of reallocation of the hardware
allocated to each program execution segment, and/or performs activation control for
each program execution segment, based on said failure data.